

Fig. 1

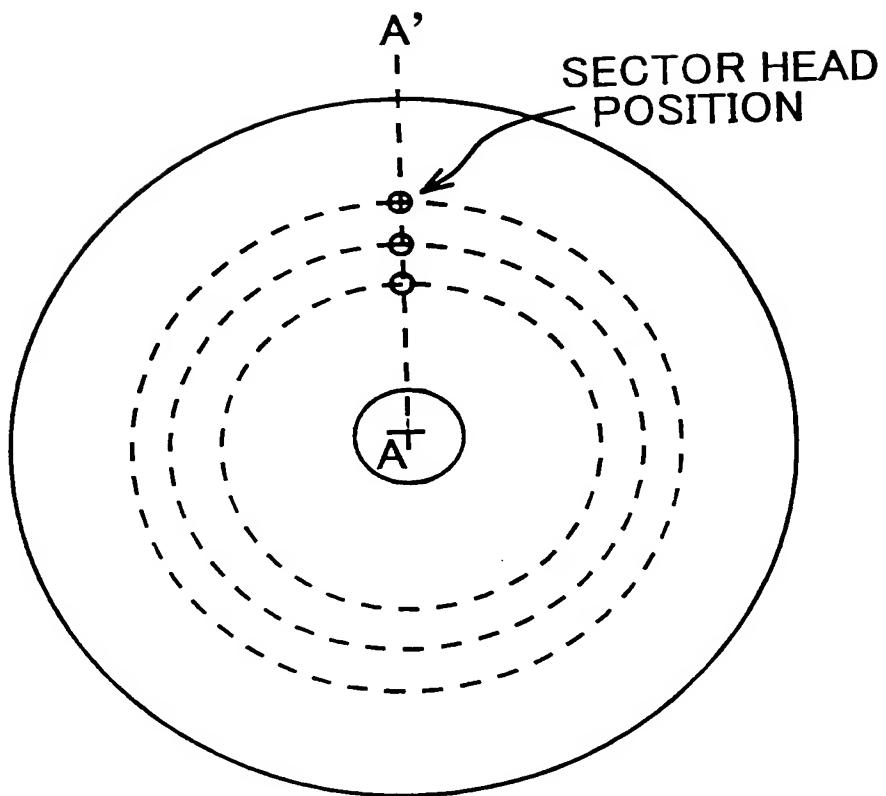


Fig. 2

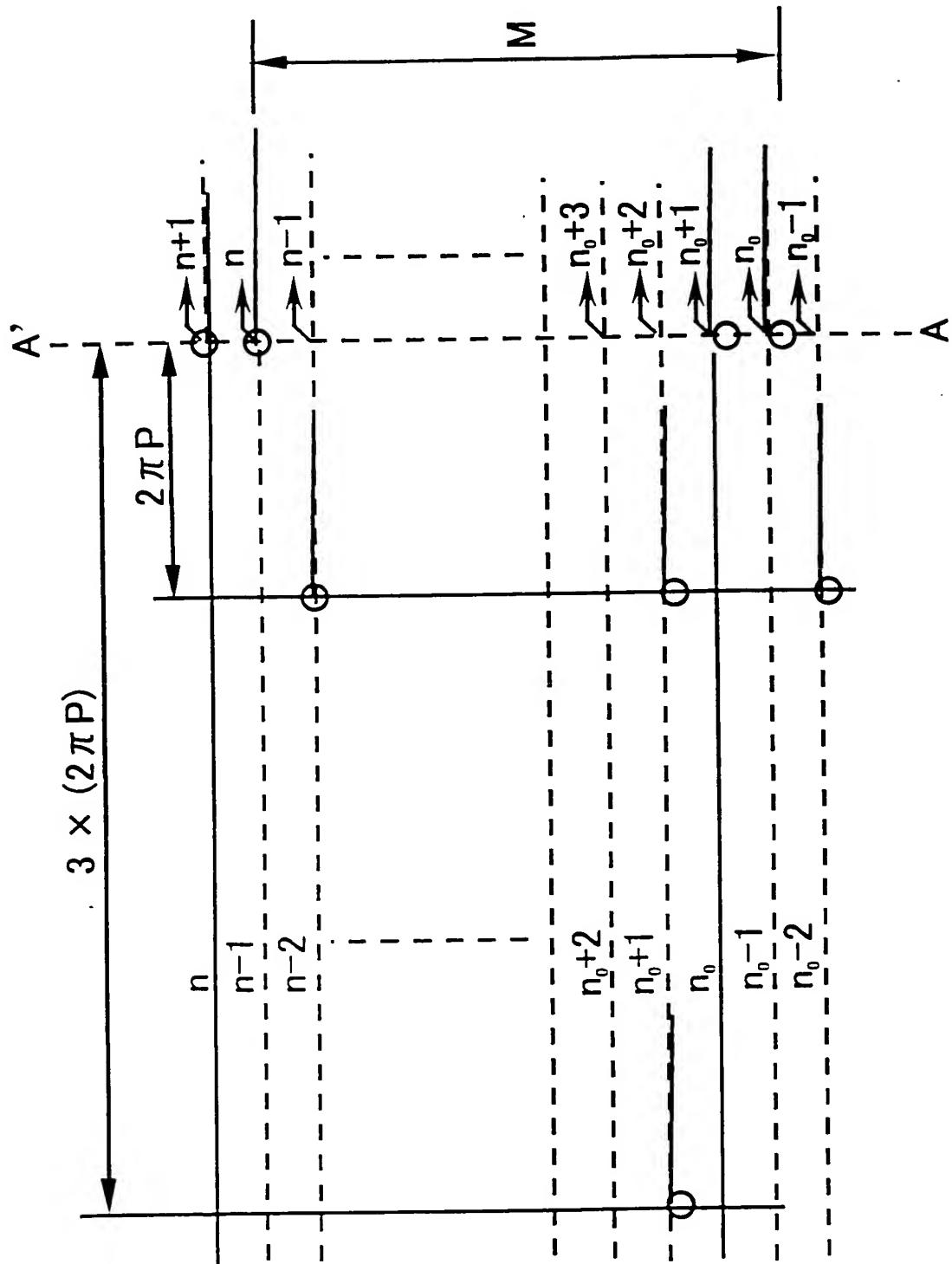


Fig. 3

BACKGROUND ART

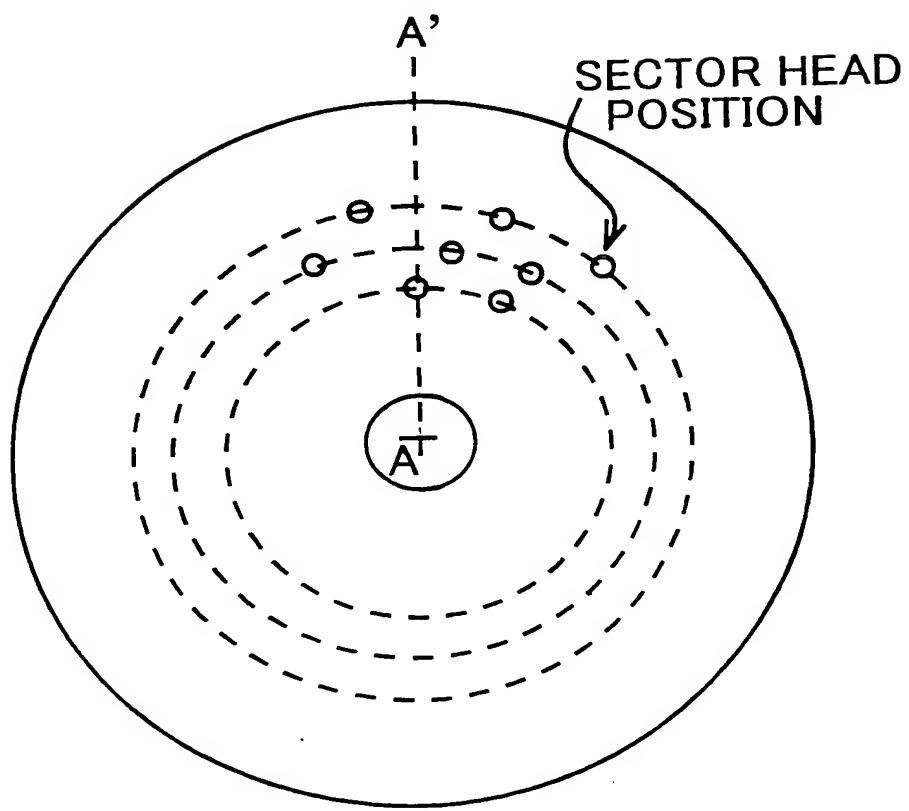
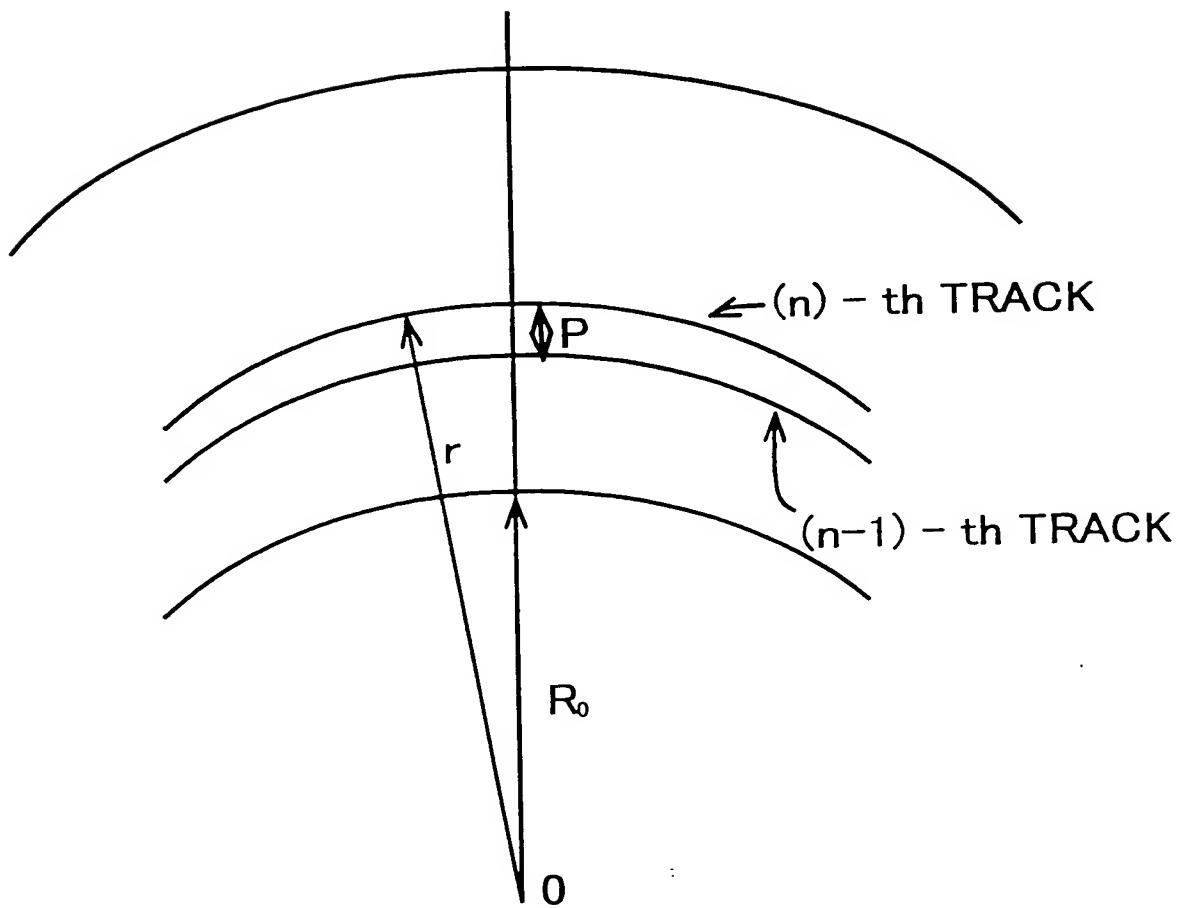


Fig. 4

BACKGROUND ART



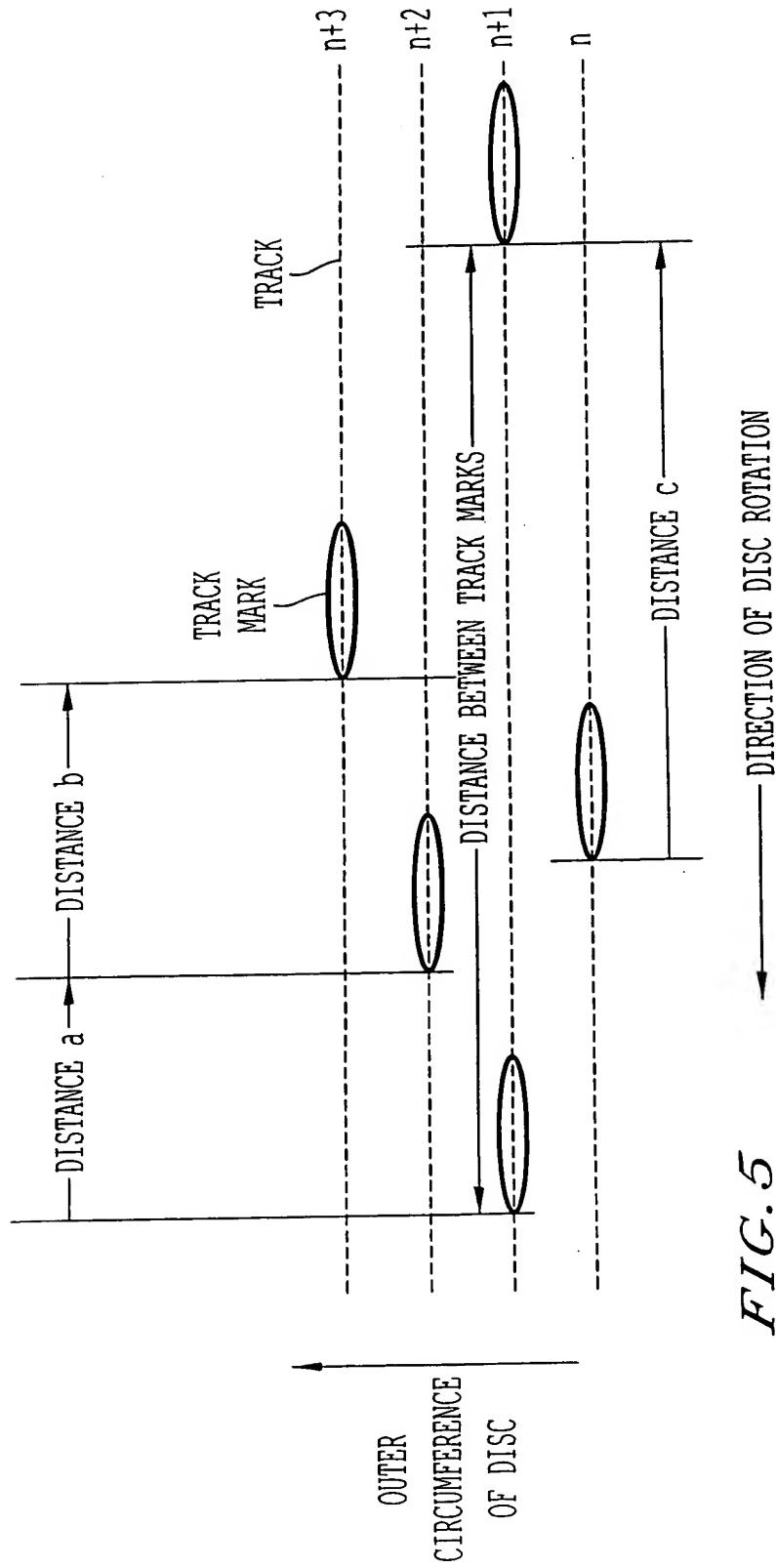


FIG. 5

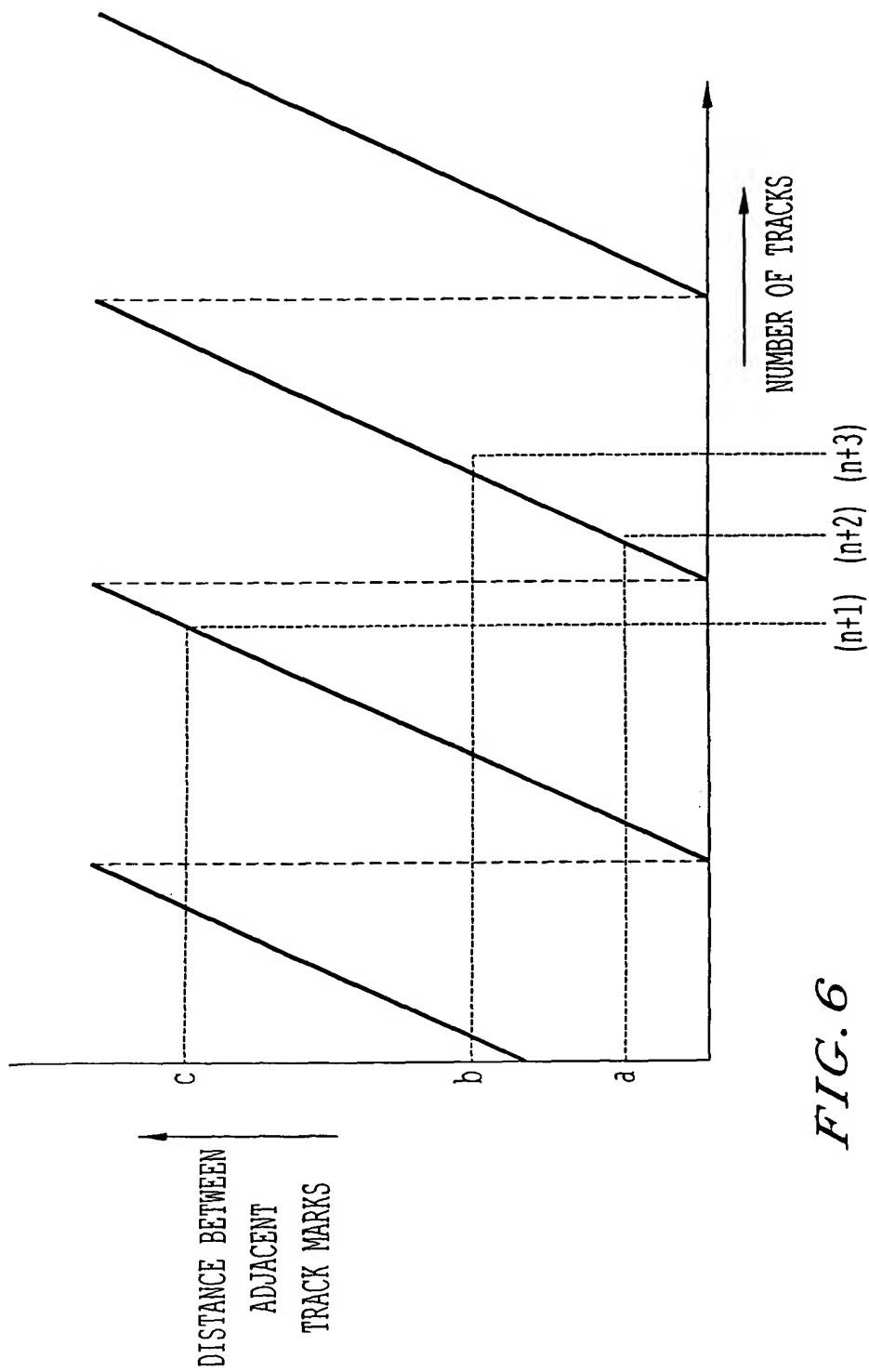


FIG. 6

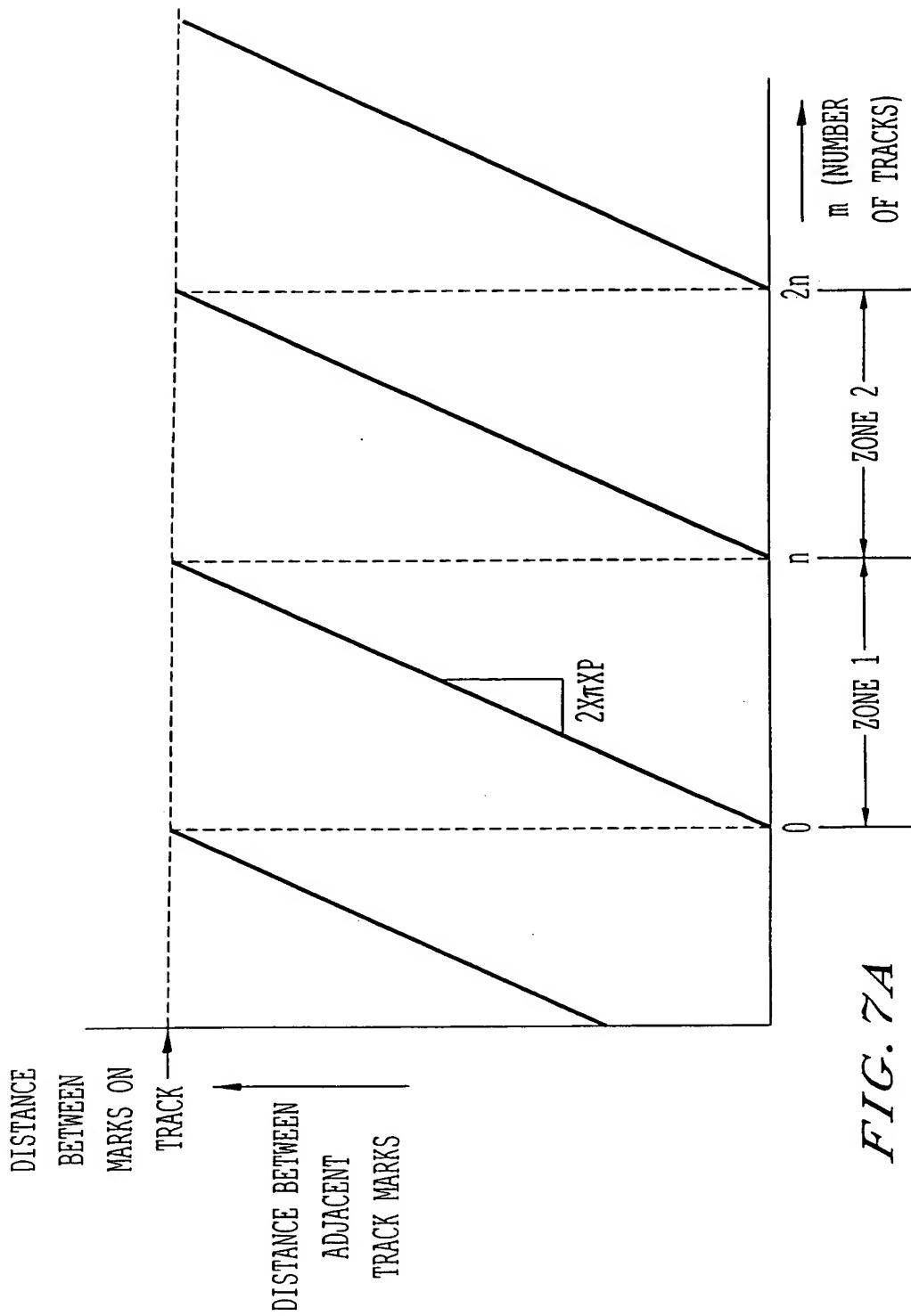


FIG. 7A

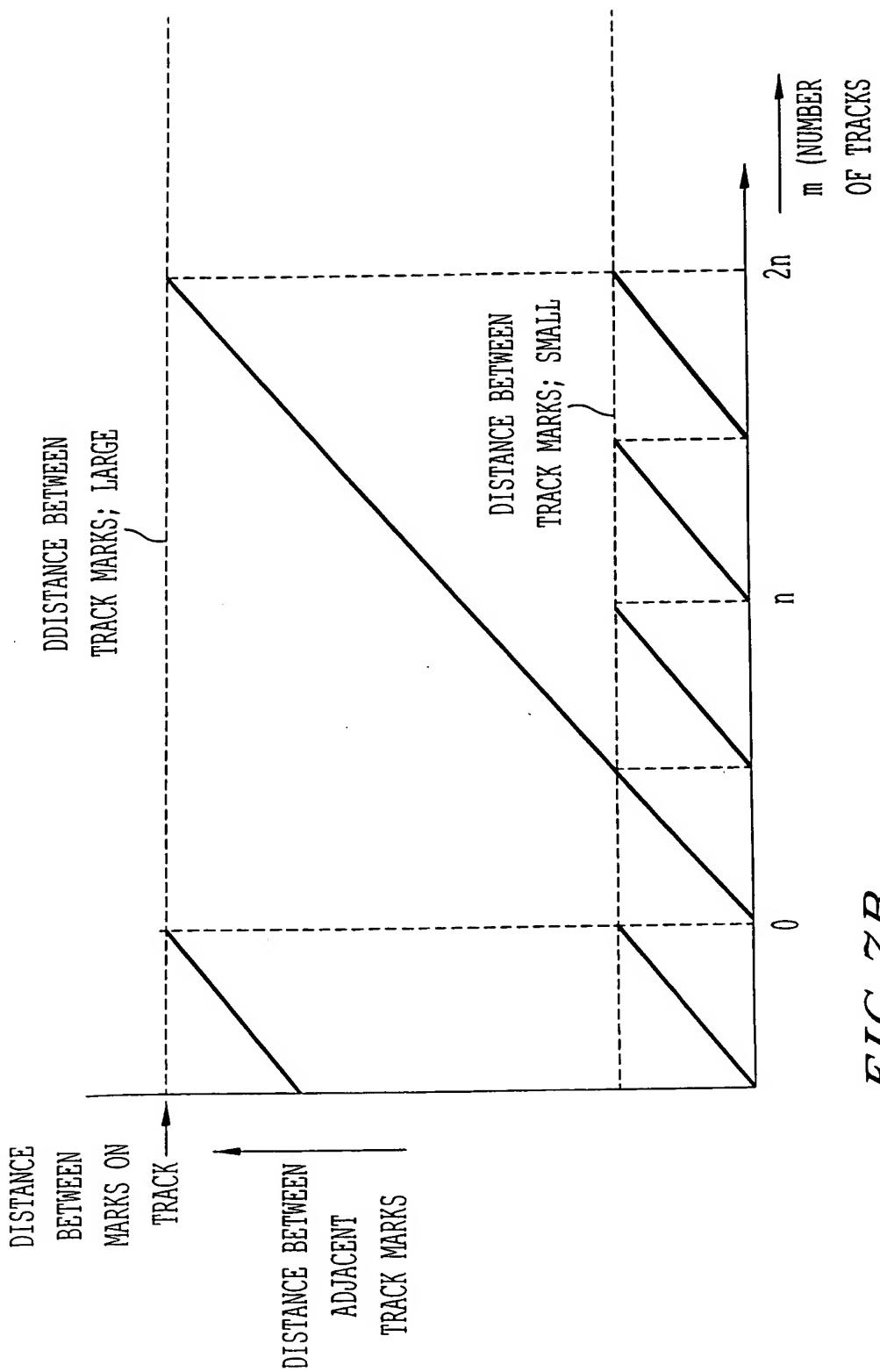


FIG. 7B

Fig. 8

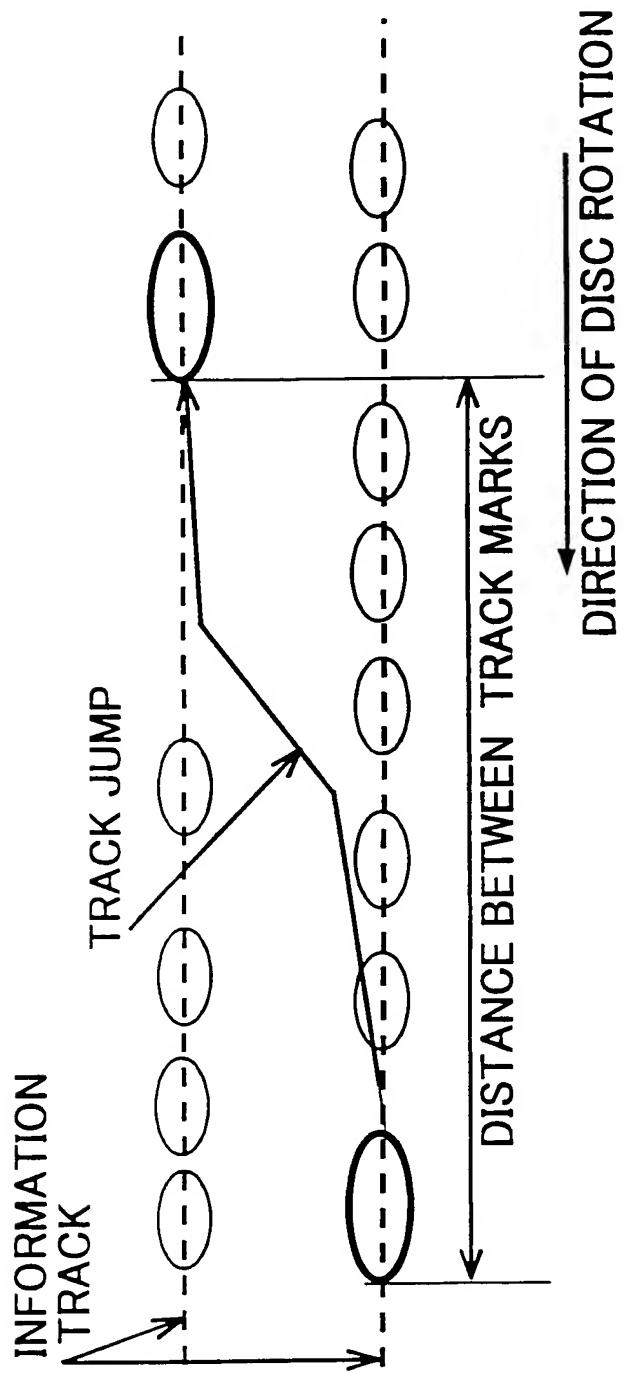
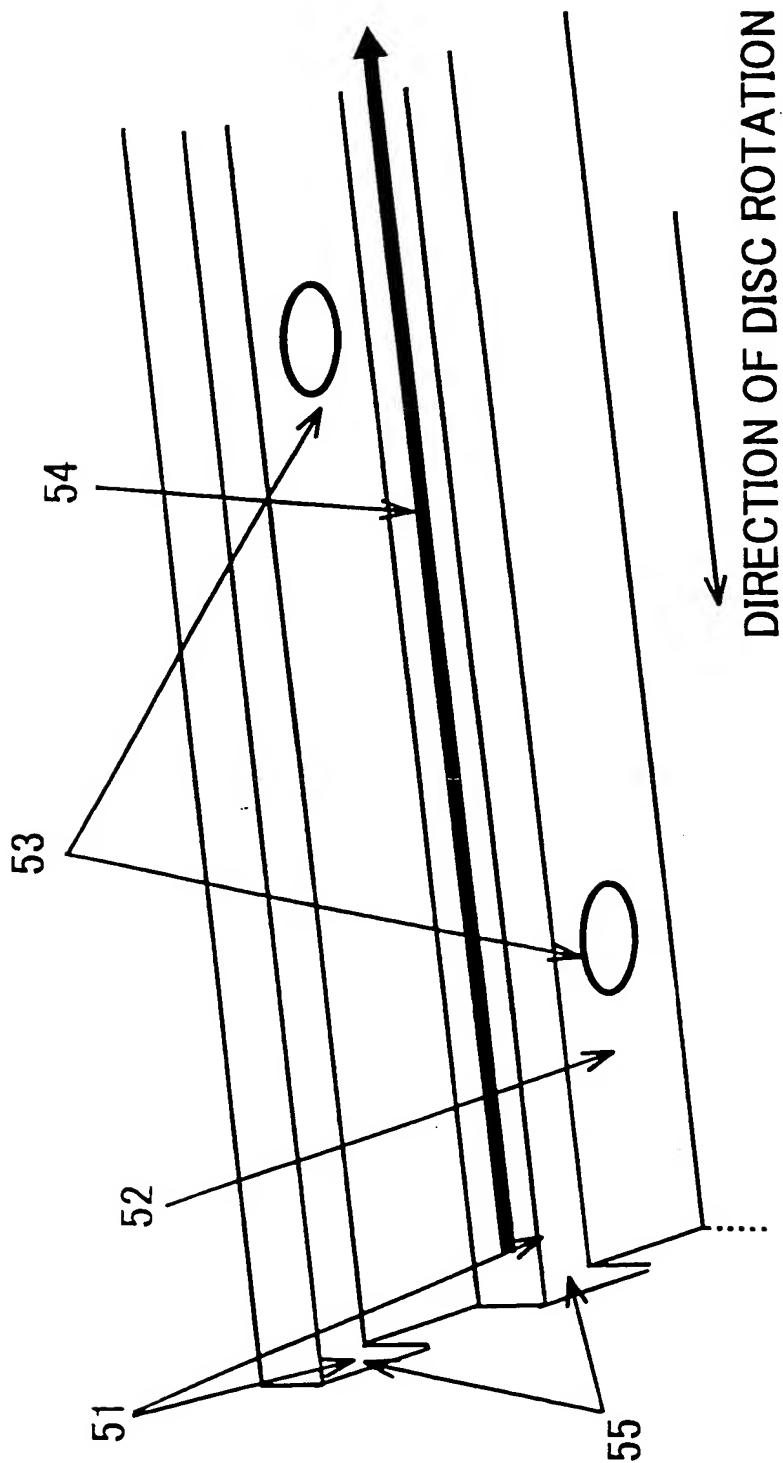


Fig. 9



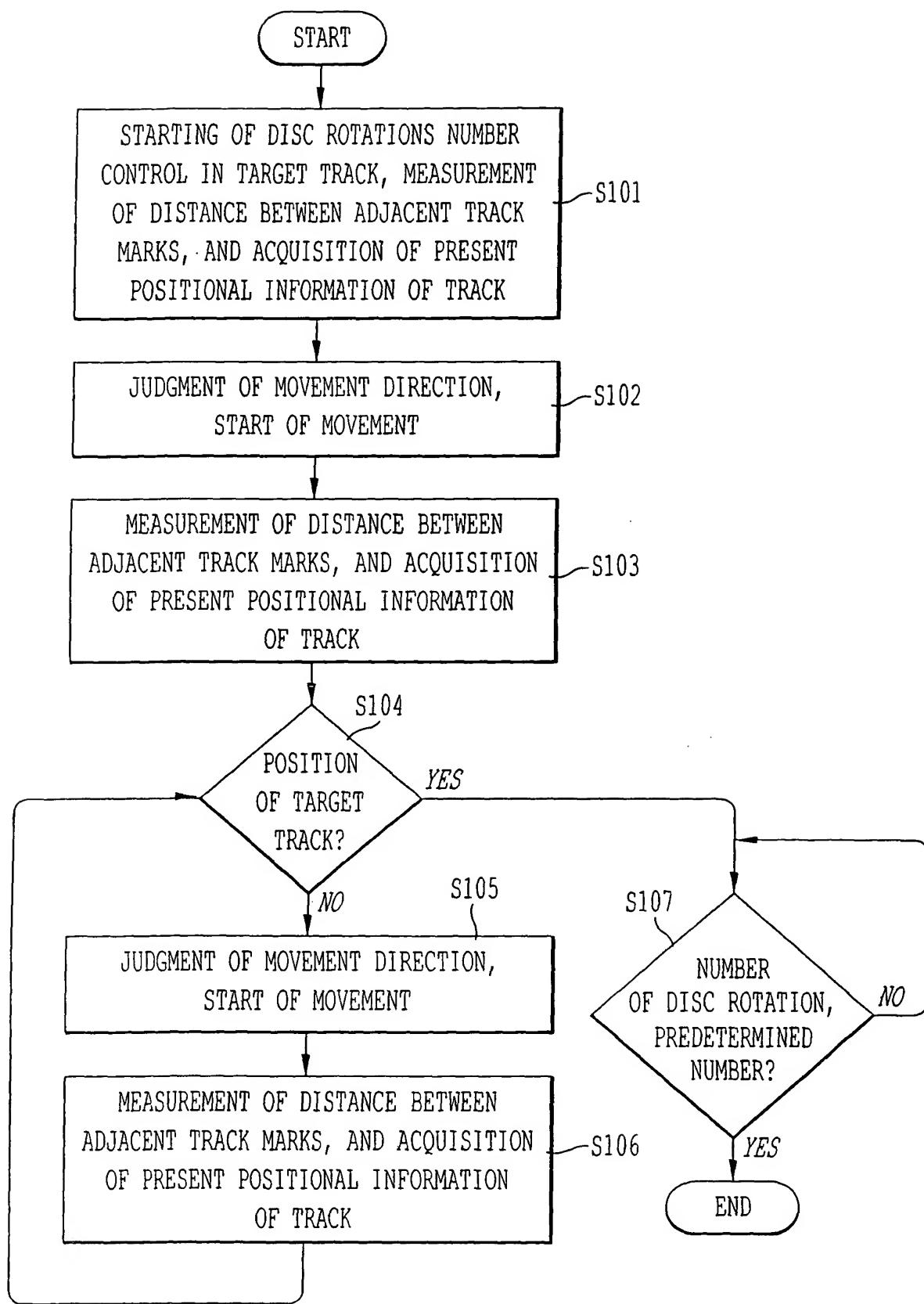


FIG. 10

Fig. 11A

BACKGROUND ART

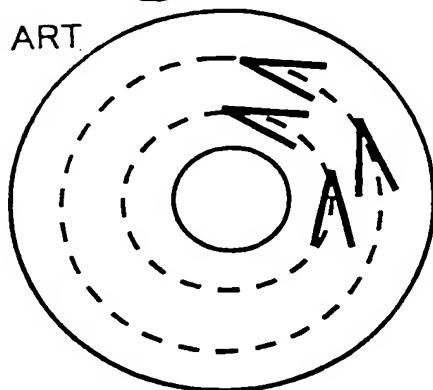


Fig. 11B

BACKGROUND ART

SECTOR; ARRANGED
ON RADIUS LINE

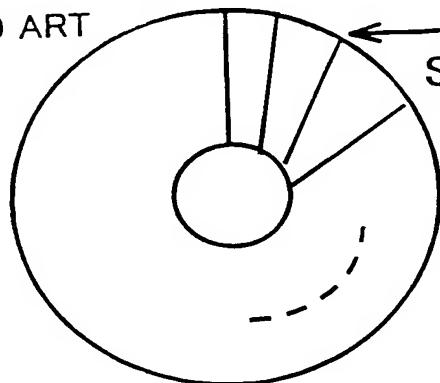
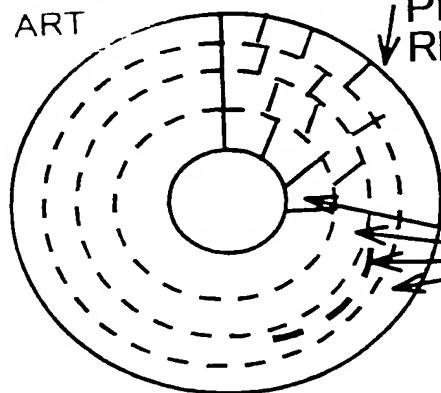


Fig. 11C

BACKGROUND ART

SECTOR; ARRANGED
PER EACH OF
RESPECTIVE ZONES

ZONES



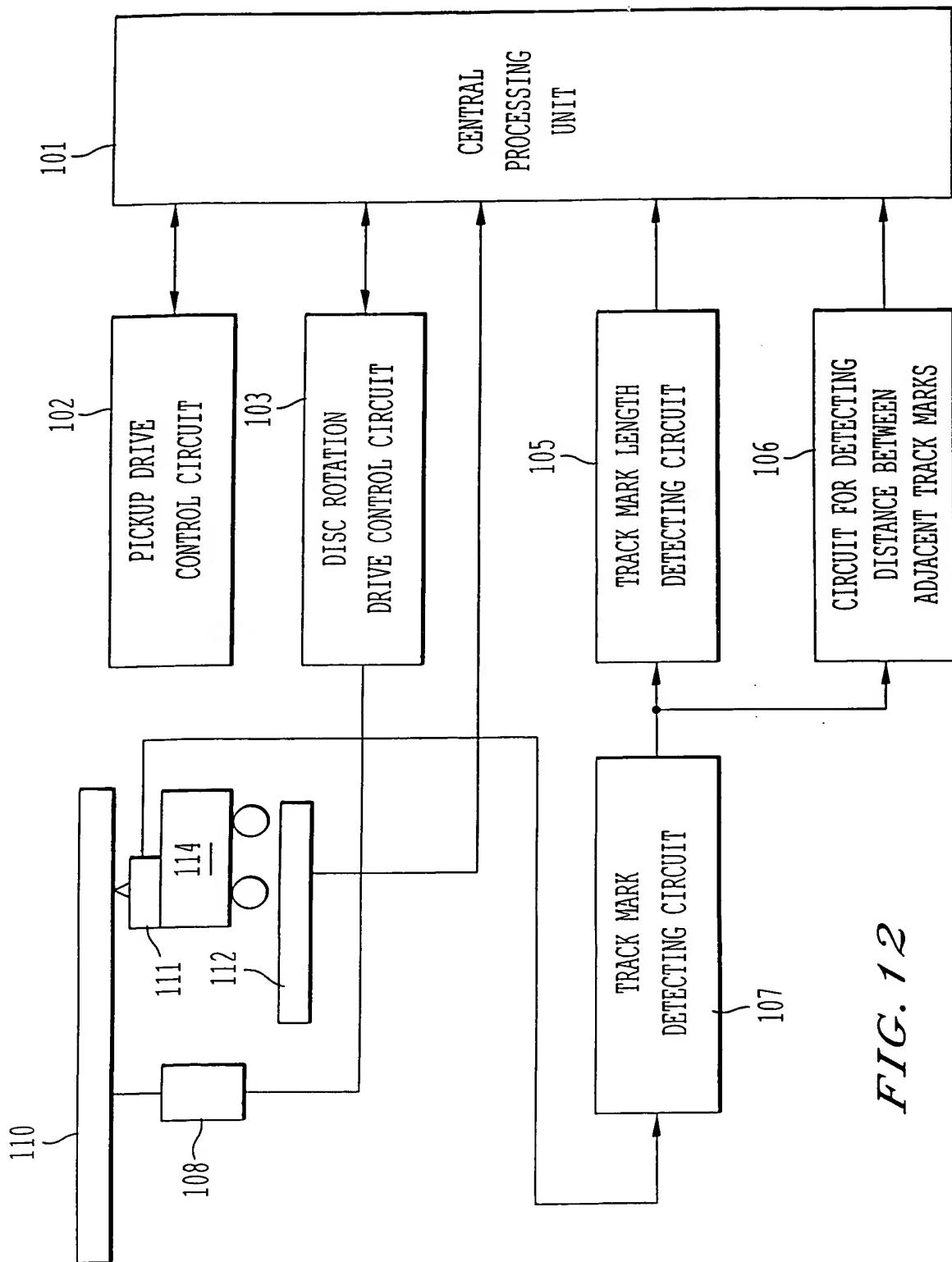


FIG. 12

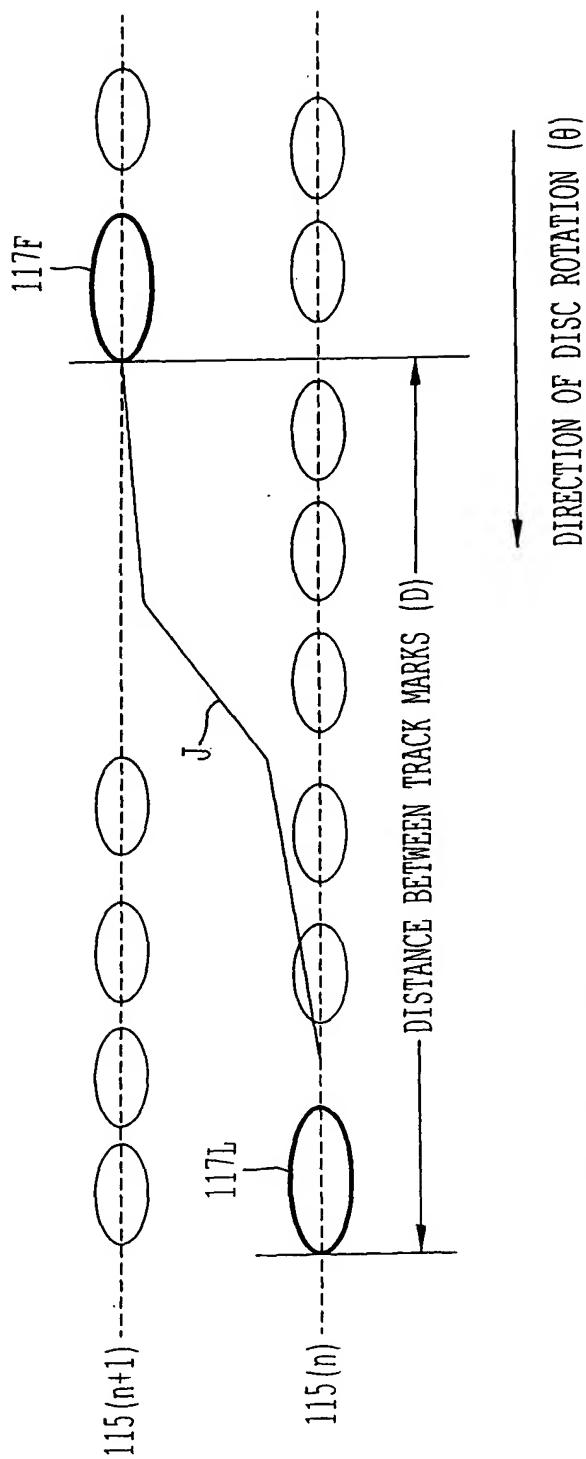
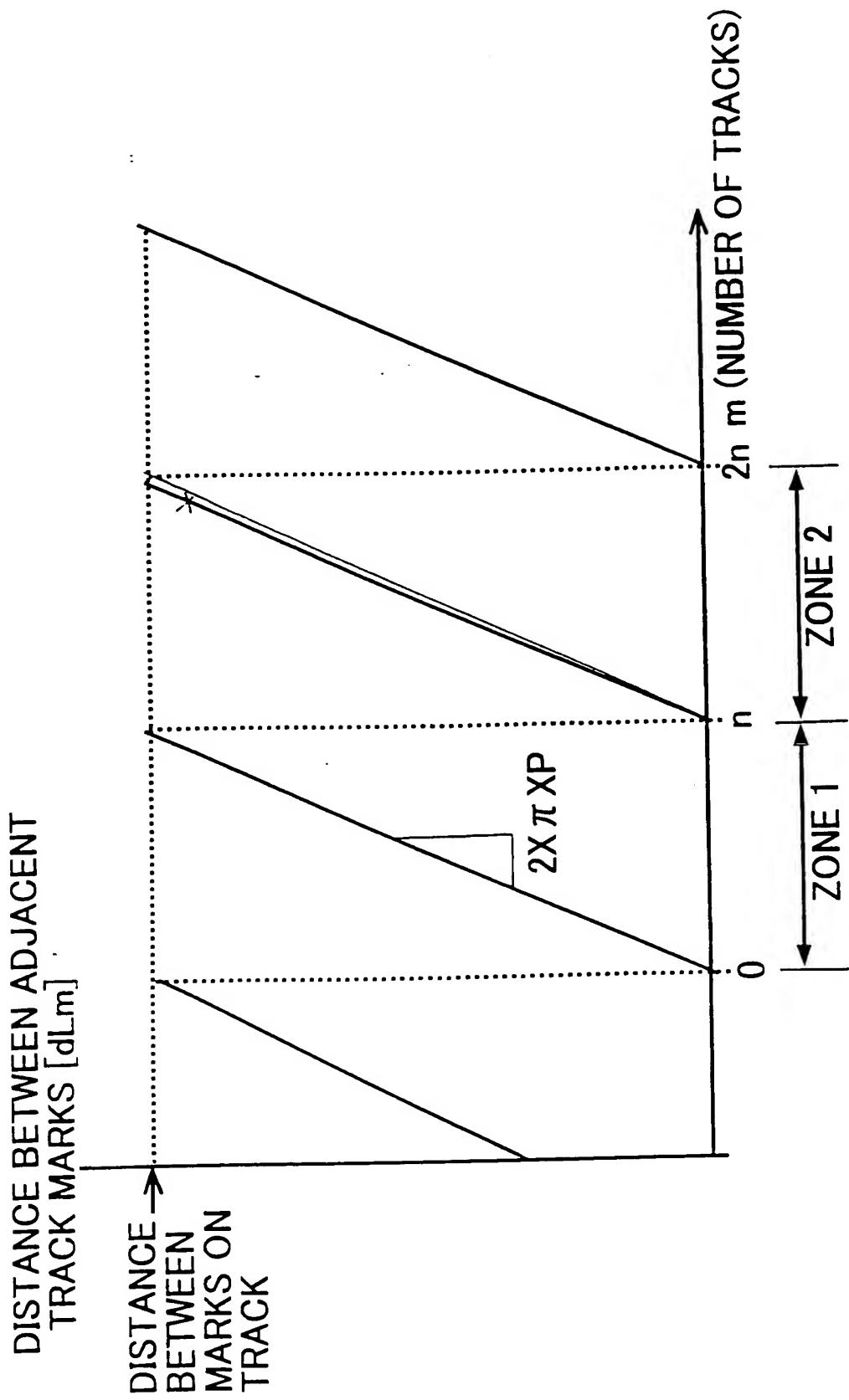


FIG. 13

Fig. 14



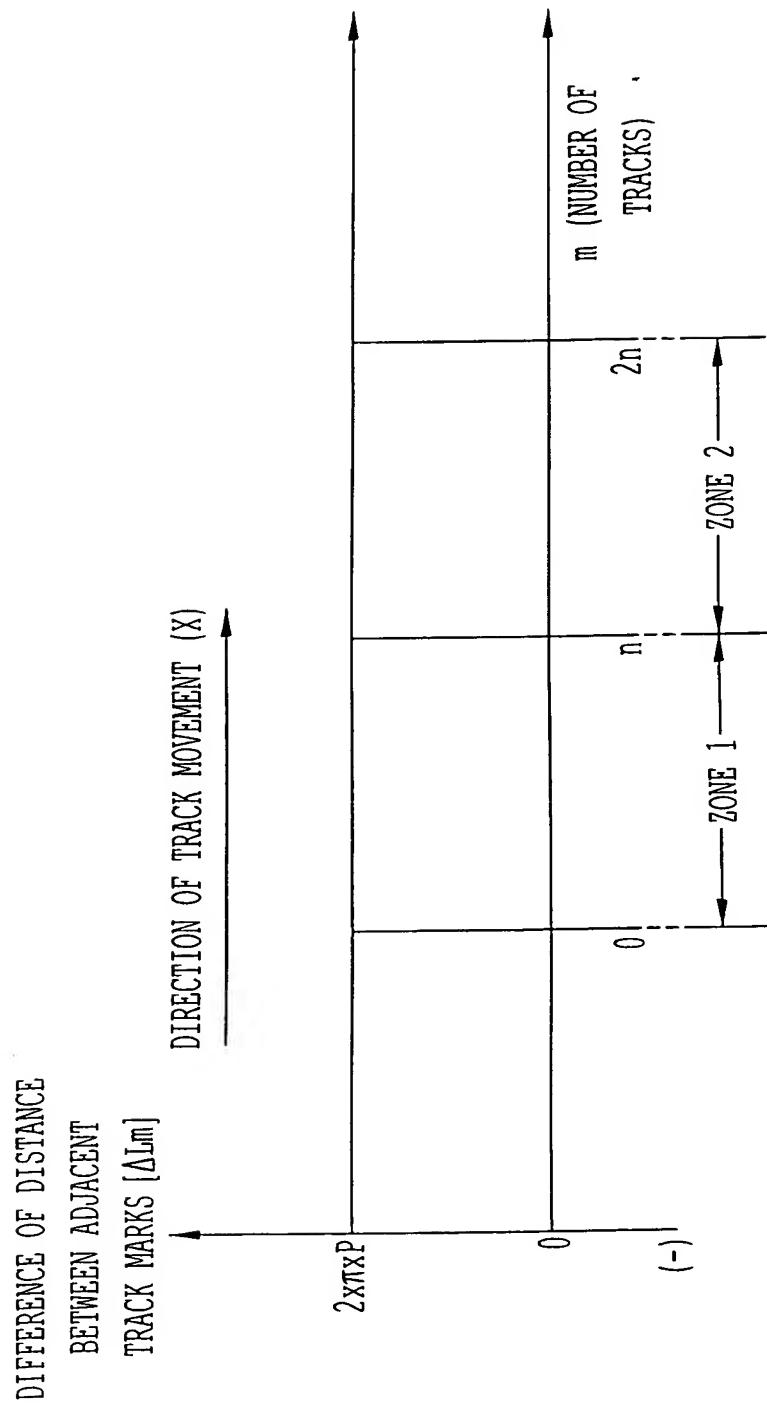


FIG. 15

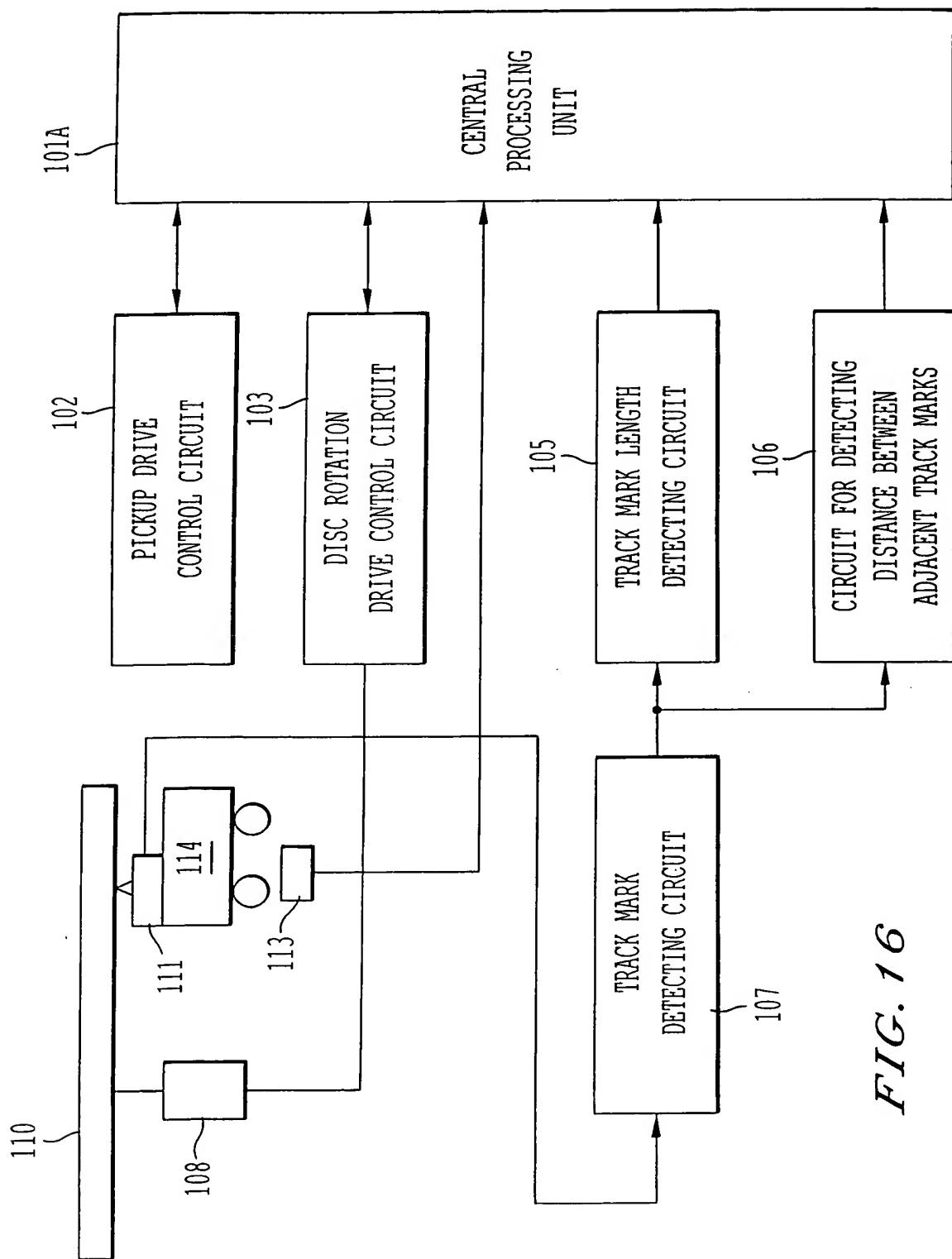


FIG. 16

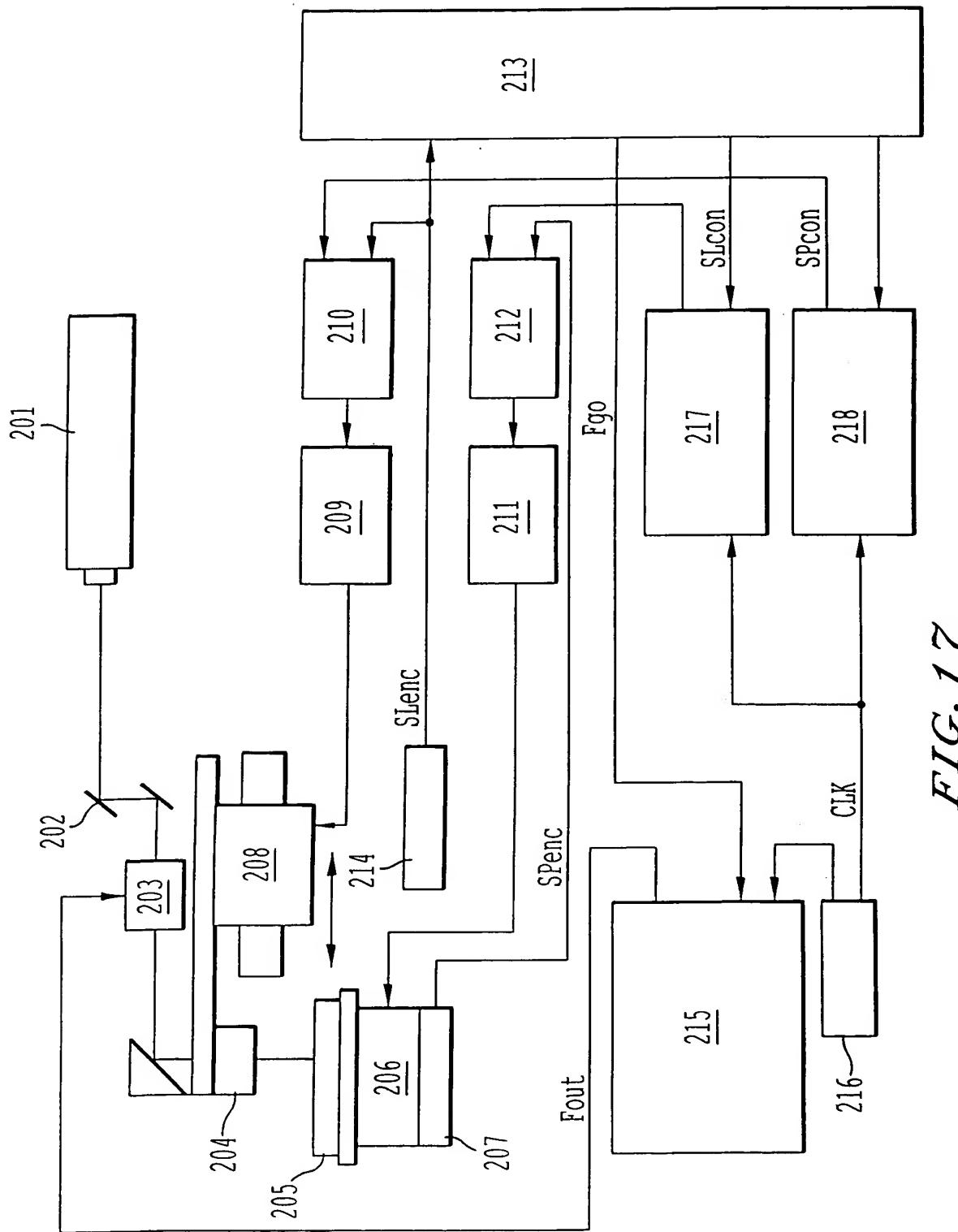


FIG. 17

Fig. 18

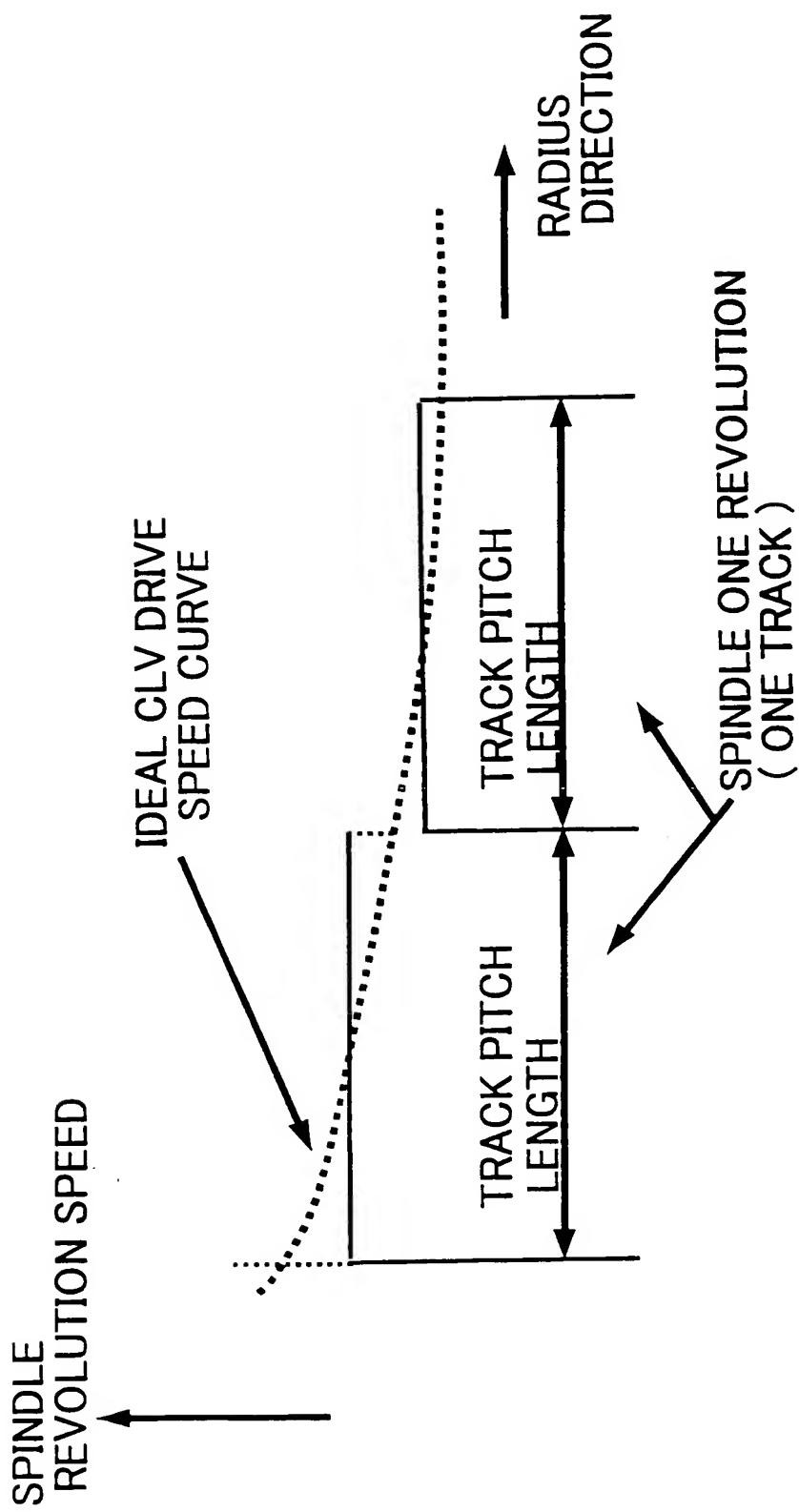
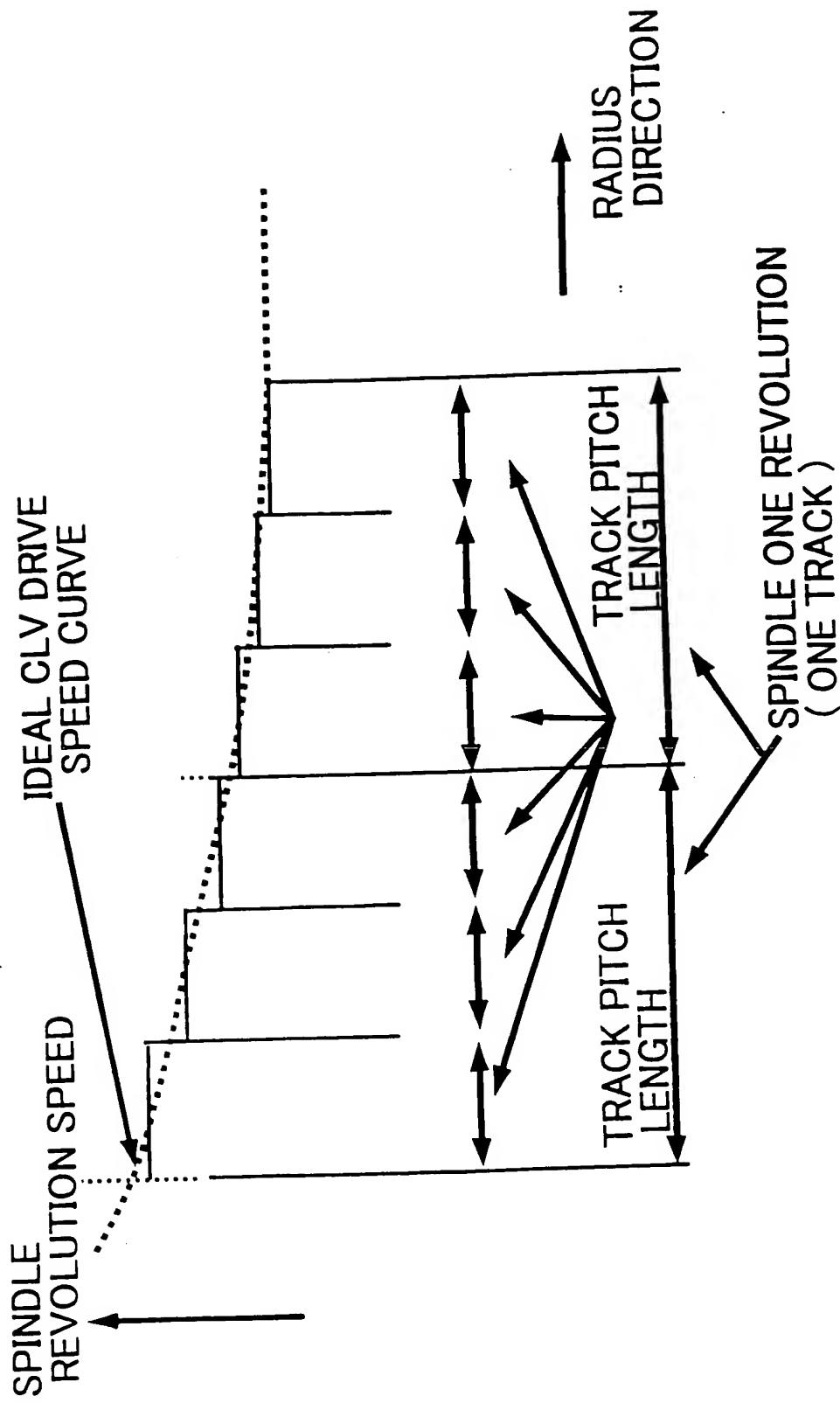


Fig. 19



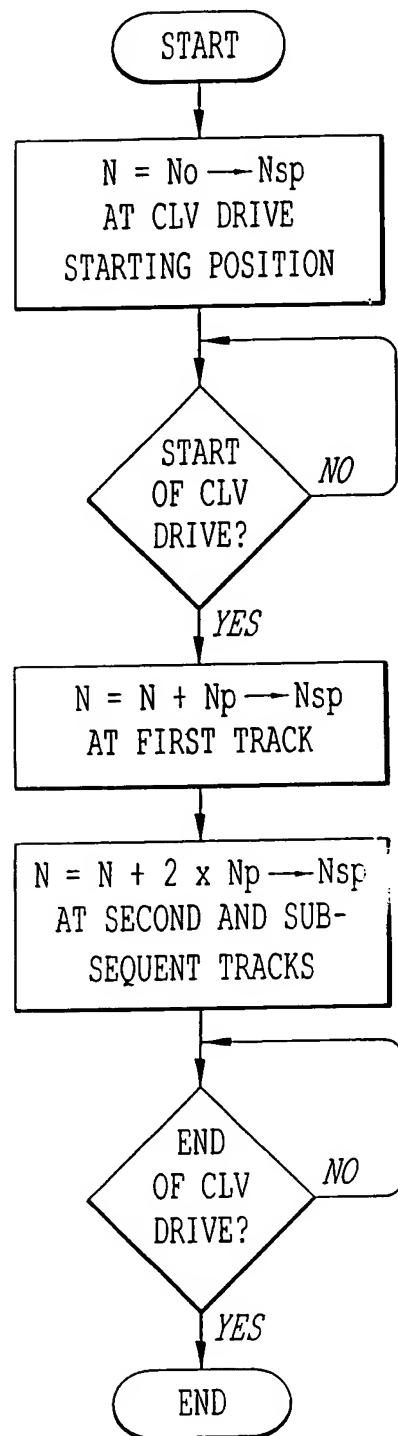


FIG. 20

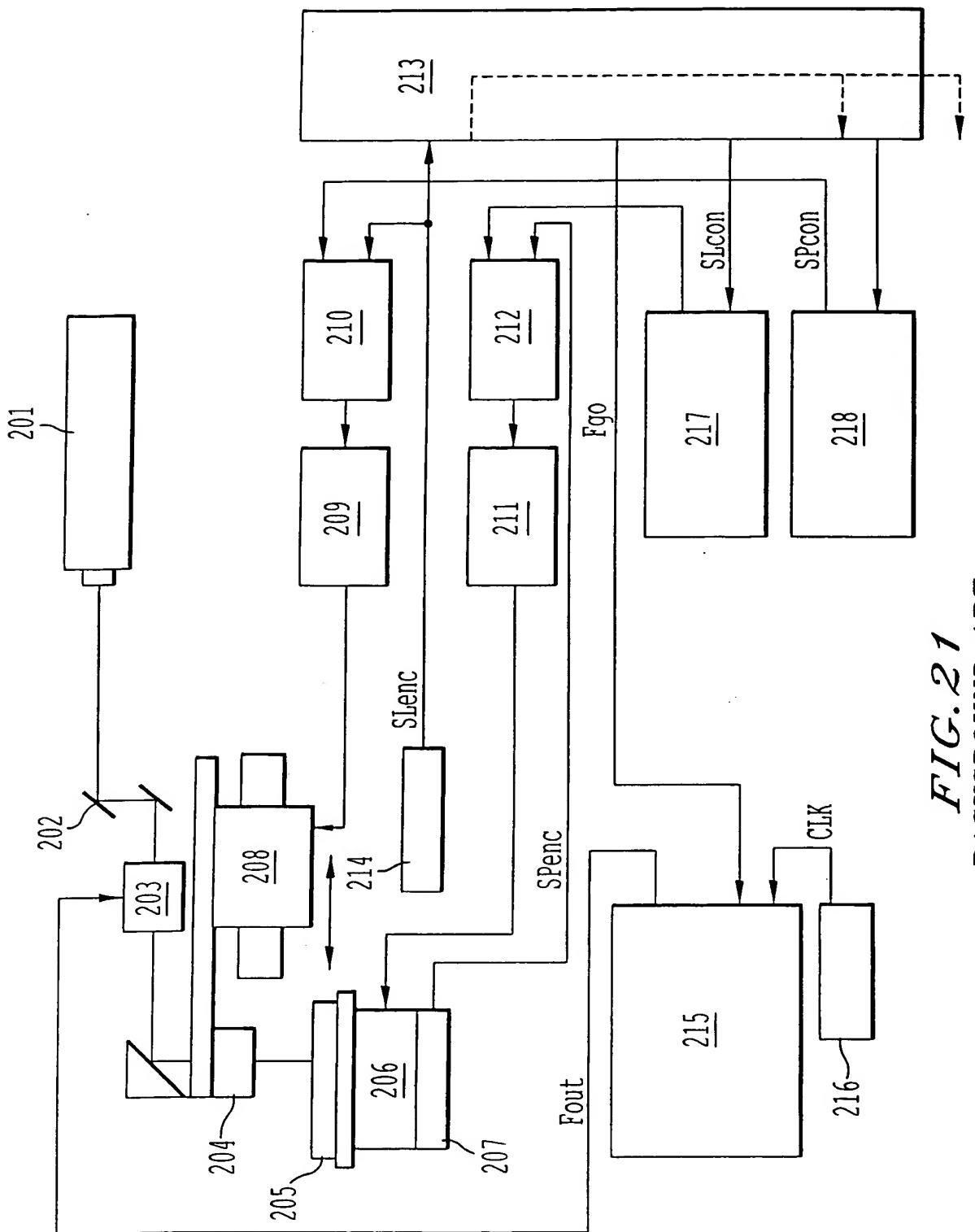
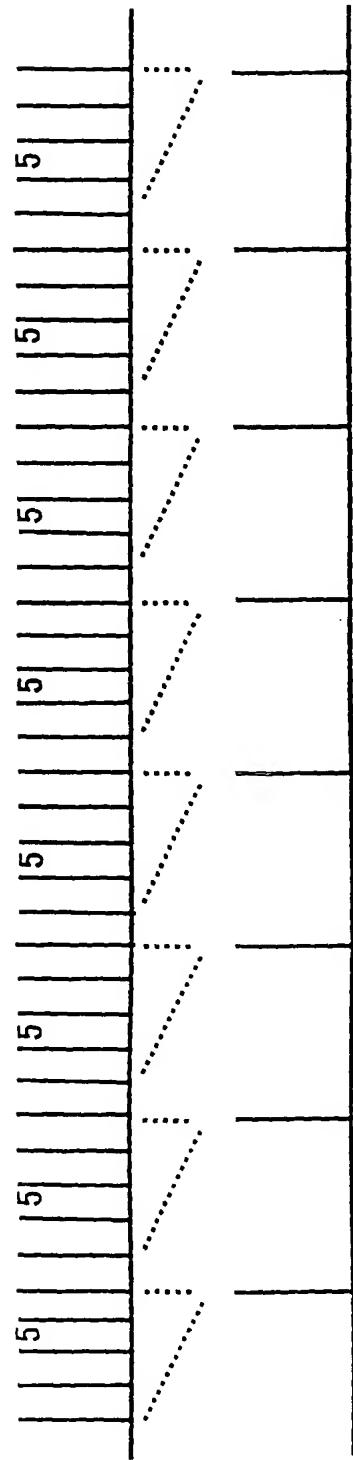


FIG. 21
BACKGROUND ART

Fig. 22

BACKGROUND ART



FREQUENCY DEMULTIPLYING METHOD OF MIXING INTERCALARY PULSES

TABLE 1

TRACK No.	L_{cb} NUMBER PER ONE TRACK (INTEGER PART)	REMAINING DIFFERENCE OF TRACK (DECIMAL FRACTION PART)
m	N_{tm}	
$m+1$	$N_{tm} + N_{pa}$	$+ \alpha$
$m+2$	$N_{tm} + 2 \times N_{pa}$	$+ 2 \times \alpha$
$m+3$	$N_{tm} + 3 \times N_{pa} + 1$	$+ 0.3 \times \alpha$
$m+4$	$N_{tm} + 4 \times N_{pa}$	$+ 1.3 \times \alpha$
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FIG. 23

TABLE 2

TRACK No.	L_{cb} NUMBER PER ONE TRACK (INTEGER PART)	REMAINING DIFFERENCE OF TRACK (DECIMAL FRACTION PART)
s	N_{sg}	
$s+1$	$N_{sg} + N_{pb}$	$+ \beta$
$s+2$	$N_{sg} + 2 N_{pb}$	$+ 2 \times \beta$
$s+3$	$N_{sg} + 3 N_{pb} + 1$	$+ 0.3 \times \beta$
$s+4$	$N_{sg} + 4 N_{pb}$	$+ 1.3 \times \beta$
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FIG. 24

TABLE 3

STATE OF CLV DRIVE	EXPOSURE RADIUS POSITION	SPINDLE DRIVE ORDERING PULSE	SLIDER DRIVE ORDERING PULSE
STOP	R_0	$N_0 \rightarrow N_{Sp}$	$N_0 \rightarrow n_{s1}$
CLV DRIVE (TRACK 1)	$\sim R_0 + P$	$N_0 + N_p \rightarrow N_{Sp}$	$N_0 + N_p \rightarrow n_{s1}$
CLV DRIVE (TRACK 2)	$\sim R_0 + 2P$	$N_0 + 3N_p \rightarrow N_{Sp}$	$N_0 + 3N_p \rightarrow n_{s1}$
CLV DRIVE (TRACK 3)	$\sim R_0 + 3P$	$N_0 + 5N_p \rightarrow N_{Sp}$	$N_0 + 5N_p \rightarrow n_{s1}$
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FIG. 25